

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF100725AL\
 Data File : FF016546.D
 Signal(s) : FID2B.ch
 Acq On : 07 Oct 2025 18:42
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/08/2025
 Supervised By :mohammad ahmed 10/09/2025

Integration File: autoint1.e
 Quant Time: Oct 08 02:44:14 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 100225.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 03 05:49:41 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.972	2632767	18.203 ug/ml
Spiked Amount 50.000		Recovery =	36.41%
12) S 1-chlorooctadecane (S...	13.414	2025484	18.159 ug/ml
Spiked Amount 50.000		Recovery =	36.32%
Target Compounds			
1) T n-Nonane (C9)	3.322	2157965	18.458 ug/ml
2) T n-Decane (C10)	4.585	2209512	18.654 ug/ml
3) T A~Naphthalene (C11.7)	6.297	2372874	18.168 ug/ml
4) T n-Dodecane (C12)	6.764	2234914	18.619 ug/ml
5) T A~2-methylnaphthalene...	7.398	2297496	18.045 ug/ml
6) T n-Tetradecane (C14)	8.597	2232385	18.526 ug/ml
7) T n-Hexadecane (C16)	10.207	2340443	18.741 ug/ml
8) T n-Octadecane (C18)	11.654	2404265	18.561 ug/ml
10) T n-Eicosane (C20)	12.967	2350342	18.381 ug/ml
11) T n-Heneicosane (C21)	13.581	2301991	18.131 ug/ml
13) T n-Docosane (C22)	14.170	2333092	18.376 ug/ml
14) T n-Tetracosane (C24)	15.277	2423157	18.943 ug/ml
15) T n-Hexacosane (C26)	16.302	2377742	19.021 ug/ml
16) T n-Octacosane (C28)	17.256	2407152	19.646 ug/ml
17) T n-Tricontane (C30)	18.147	2602590	20.897 ug/ml
18) T n-Dotriacontane (C32)	18.984	2715539	22.530 ug/ml
19) T n-Tetratriacontane (C34)	19.770	2383535	21.858 ug/ml
20) T n-Hexatriacontane (C36)	20.514	2082689	22.315 ug/ml
21) T n-Octatriacontane (C38)	21.277	1693755	20.140 ug/mlm
22) T n-Tetracontane (C40)	22.225	1673241	21.313 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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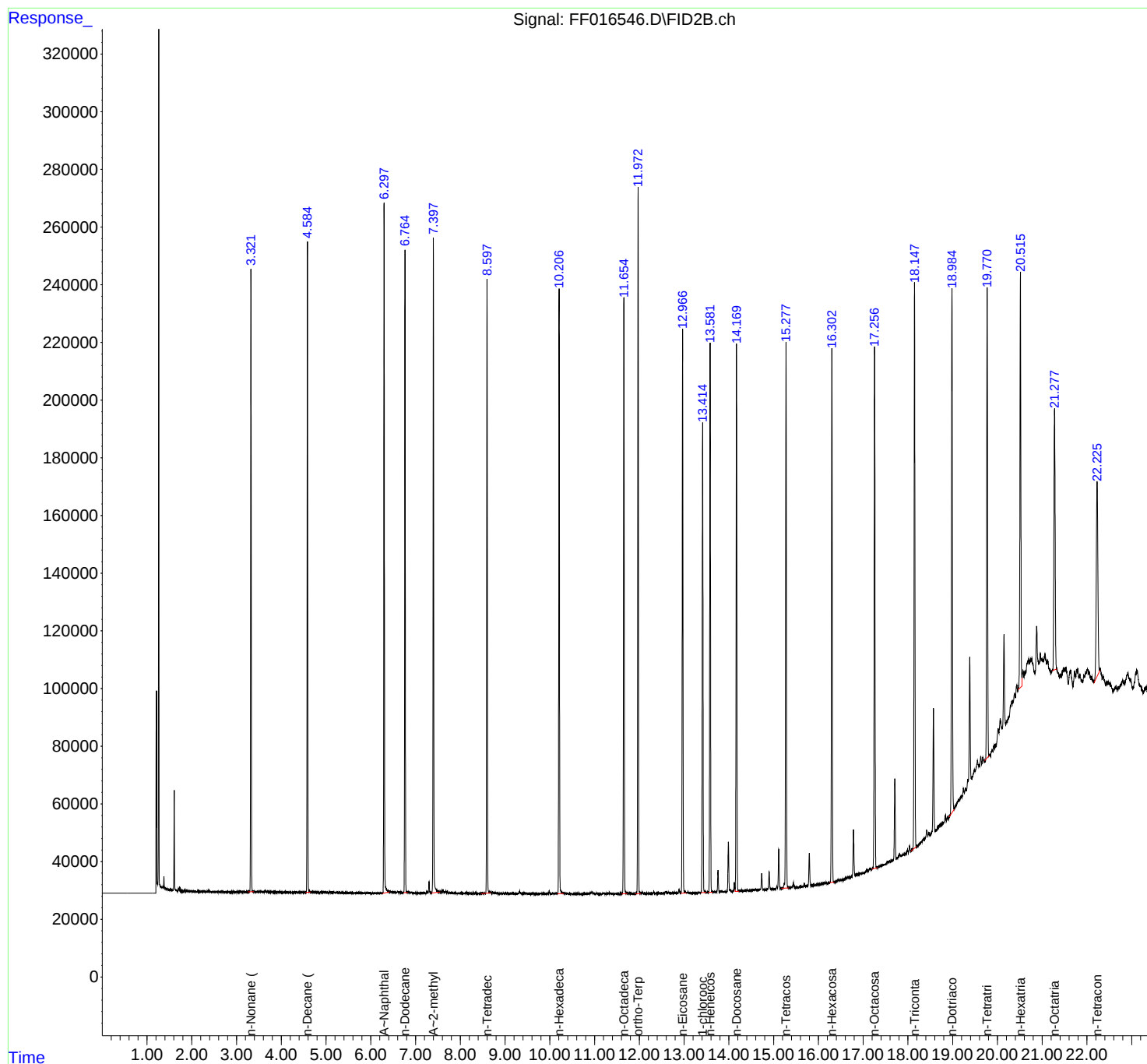
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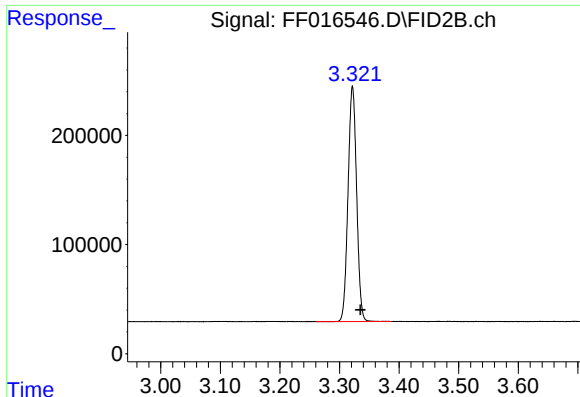
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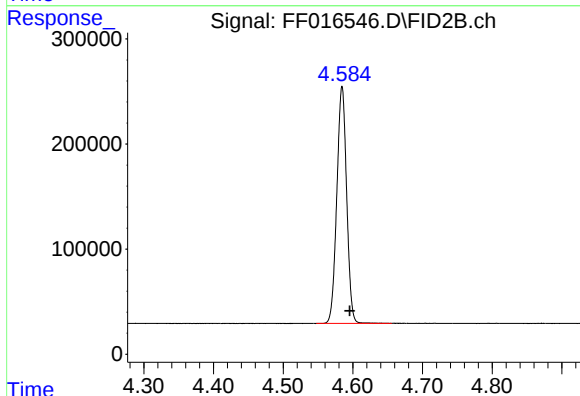
#1 n-Nonane (C9)

R.T.: 3.322 min
Delta R.T.: -0.013 min
Response: 2157965
Conc: 18.46 ug/ml

Instrument : FID_F
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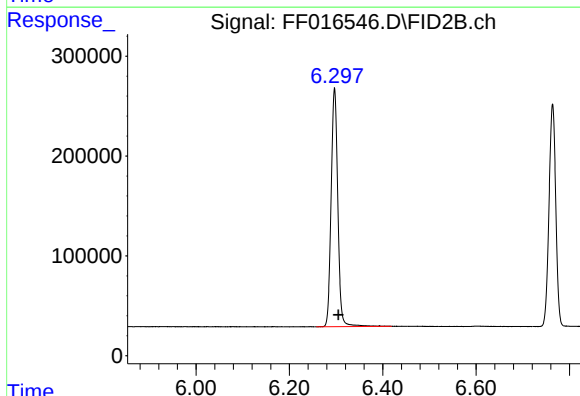
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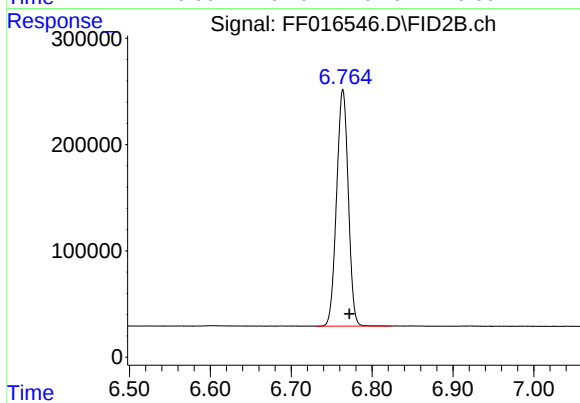
#2 n-Decane (C10)

R.T.: 4.585 min
Delta R.T.: -0.011 min
Response: 2209512
Conc: 18.65 ug/ml



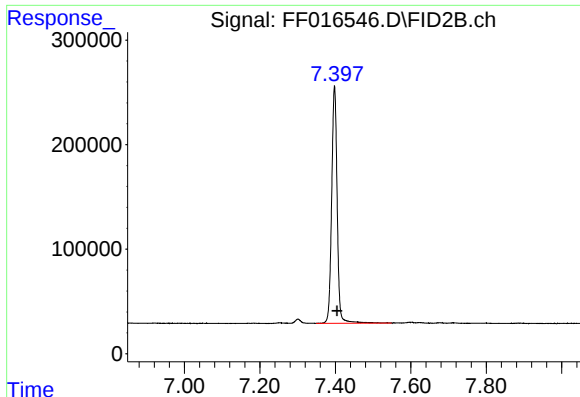
#3 A~Naphthalene (C11.7)

R.T.: 6.297 min
Delta R.T.: -0.008 min
Response: 2372874
Conc: 18.17 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.764 min
Delta R.T.: -0.008 min
Response: 2234914
Conc: 18.62 ug/ml



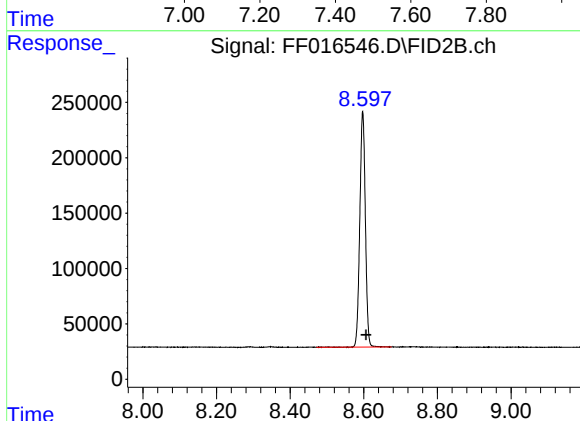
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.398 min
Delta R.T.: -0.007 min
Response: 2297496
Conc: 18.04 ug/ml

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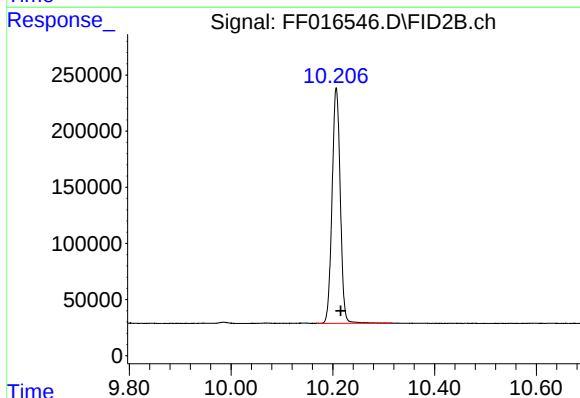
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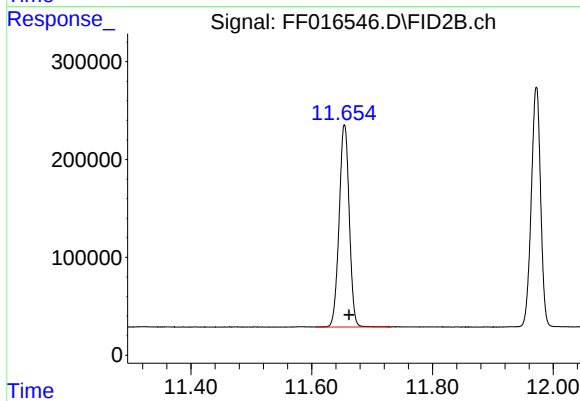
#6 n-Tetradecane (C14)

R.T.: 8.597 min
Delta R.T.: -0.009 min
Response: 2232385
Conc: 18.53 ug/ml



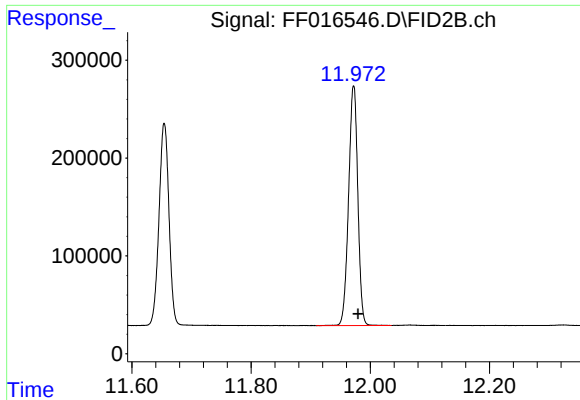
#7 n-Hexadecane (C16)

R.T.: 10.207 min
Delta R.T.: -0.008 min
Response: 2340443
Conc: 18.74 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.654 min
Delta R.T.: -0.008 min
Response: 2404265
Conc: 18.56 ug/ml



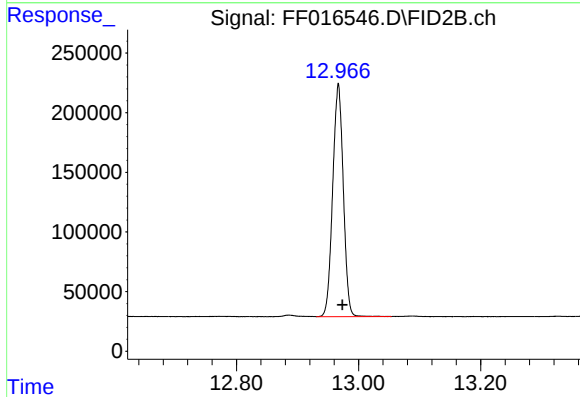
#9 ortho-Terphenyl (SURR)

R.T.: 11.972 min
Delta R.T.: -0.008 min
Response: 2632767
Conc: 18.20 ug/ml

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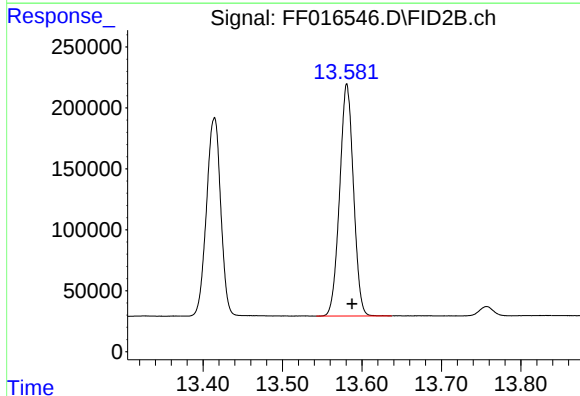
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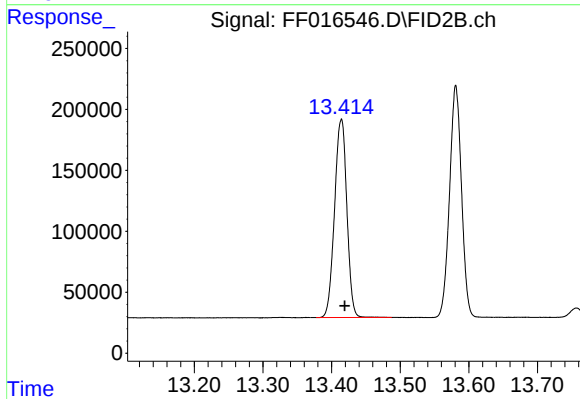
#10 n-Eicosane (C20)

R.T.: 12.967 min
Delta R.T.: -0.007 min
Response: 2350342
Conc: 18.38 ug/ml



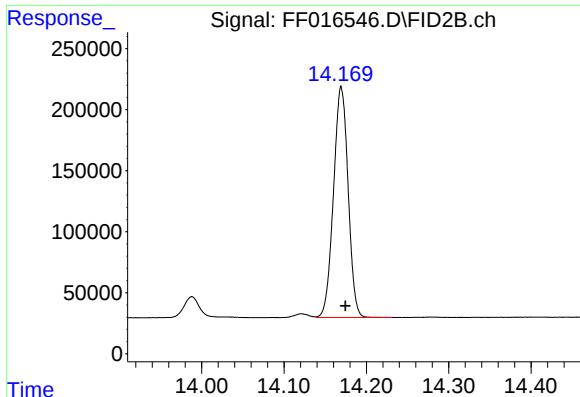
#11 n-Heneicosane (C21)

R.T.: 13.581 min
Delta R.T.: -0.006 min
Response: 2301991
Conc: 18.13 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.414 min
Delta R.T.: -0.005 min
Response: 2025484
Conc: 18.16 ug/ml



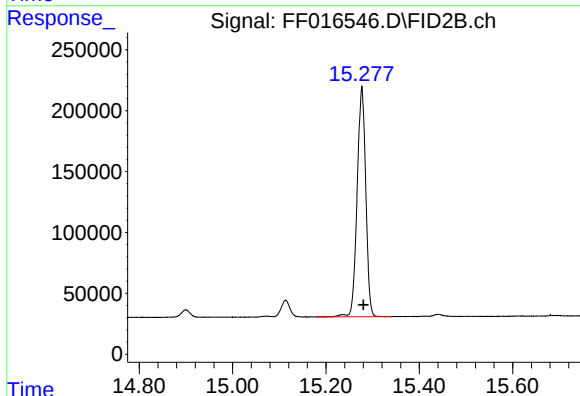
#13 n-Docosane (C22)

R.T.: 14.170 min
Delta R.T.: -0.005 min
Response: 2333092
Conc: 18.38 ug/ml

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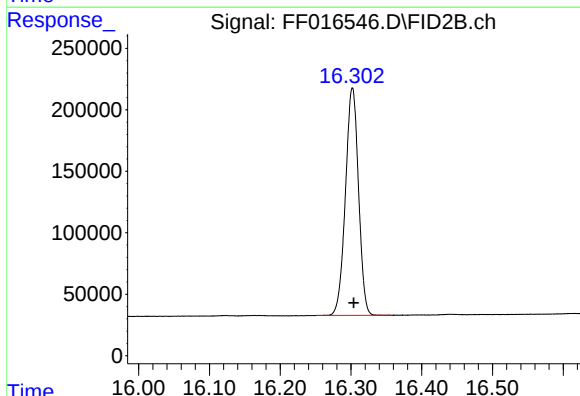
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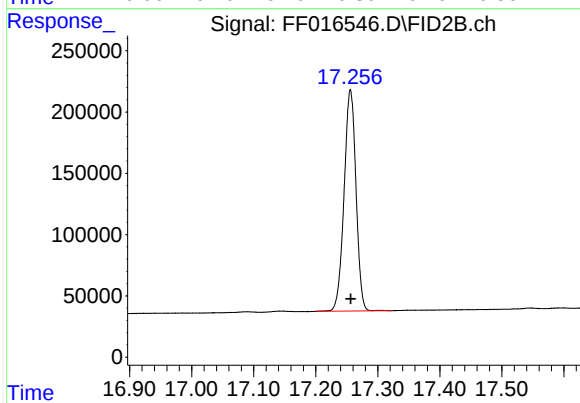
#14 n-Tetracosane (C24)

R.T.: 15.277 min
Delta R.T.: -0.003 min
Response: 2423157
Conc: 18.94 ug/ml



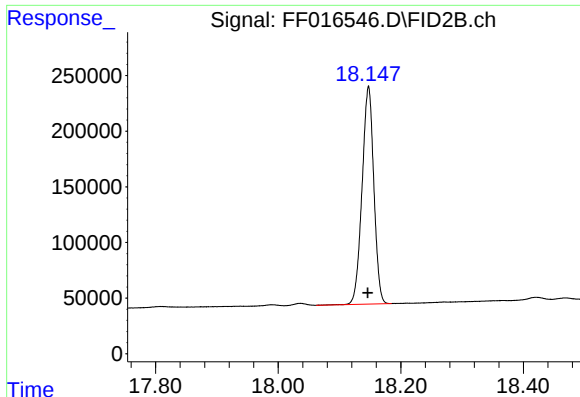
#15 n-Hexacosane (C26)

R.T.: 16.302 min
Delta R.T.: -0.002 min
Response: 2377742
Conc: 19.02 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.256 min
Delta R.T.: 0.000 min
Response: 2407152
Conc: 19.65 ug/ml



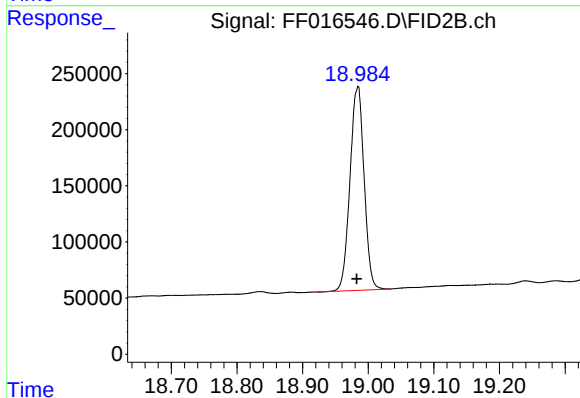
#17 n-Tricontane (C30)

R.T.: 18.147 min
Delta R.T.: 0.000 min
Response: 2602590
Conc: 20.90 ug/ml

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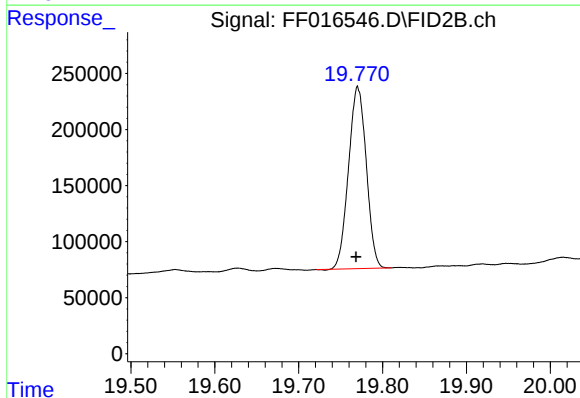
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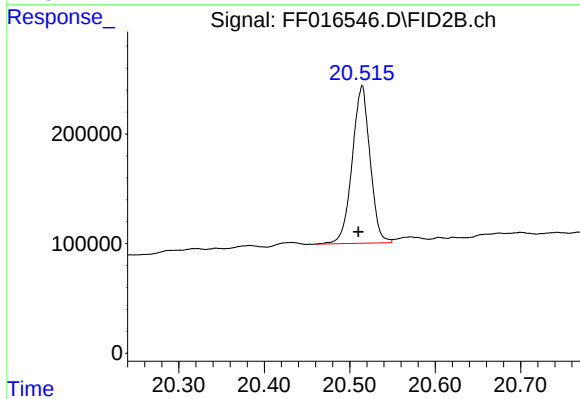
#18 n-Dotriacontane (C32)

R.T.: 18.984 min
Delta R.T.: 0.001 min
Response: 2715539
Conc: 22.53 ug/ml



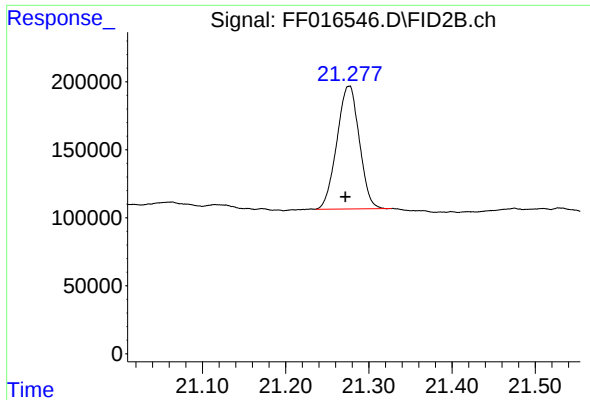
#19 n-Tetratriacontane (C34)

R.T.: 19.770 min
Delta R.T.: 0.002 min
Response: 2383535
Conc: 21.86 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.514 min
Delta R.T.: 0.004 min
Response: 2082689
Conc: 22.31 ug/ml



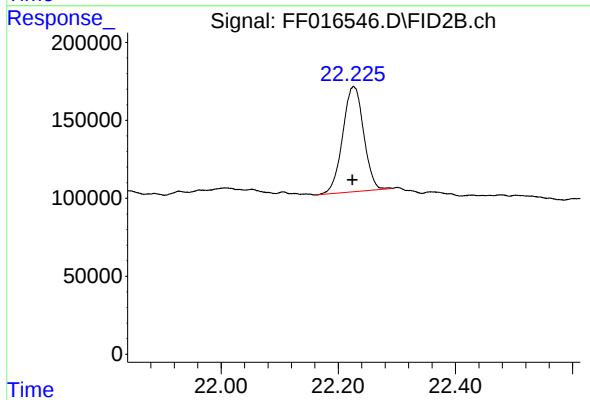
#21 n-Octatriacontane (C38)

R.T.: 21.277 min
Delta R.T.: 0.005 min
Response: 1693755
Conc: 20.14 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.225 min
Delta R.T.: 0.001 min
Response: 1673241
Conc: 21.31 ug/ml m